



1 X 8 SC APC Singlemode Fiber Optic PLC Splitter Cassette

Part # QT-1X8-SCA-PLCS



OVERVIEW

This QuickTrex 1 X 8 SC APC Singlemode Fiber Optic PLC Splitter Cassette allows you to take 1 single strand of singlemode fiber and split it into 8 strands. This allows you to get 4 or 8 connections depending on whether you are using 2 fiber or 1 fiber bi-directional SFP transceivers or switches. This PLC fiber optic splitter utilizes planar lightwave circuit technology which works by dividing one lightwave into eight lightwaves. PLC technology provides a stable and reliable solution for your fiber optic network. Fiber optic splitters work great for PONs (Passive Optical Networks such as EPON, GPON, FTTX, and more. Simply connect this splitter to the MDF to create the 8 separate fiber runs.

This cassette splitter can fit into any of our outdoor splitter enclosures. The connectors are high quality APC polished to reduce loss and 100% factory tested. Insertion loss <0.3dB and return loss >50dB.

SPECIFICATIONS

| Parameters | Specifications | Unit | Notes |
|--------------------------|-------------------------|------|-------|
| Channel Number | 1x8 | | |
| Operation Wavelength | 1260-1610 | nm | |
| Insertion Loss (Max) P/S | Max 10.8 | dB | |
| Uniformity (Max) | ≤ 1.0 | dB | |
| PDL (Max) | ≤ 0.3 | dB | |
| Return Loss | ≥ 55 | dB | |
| Directivity | ≥ 55 | dB | |
| Pigtail Type | Input : loose tube | | |
| | Output : loose tube | | |
| Connector | APC | | |
| Fiber Type | G657A1 with 0.9mm cable | | |
| Fiber Mark | Input : white | | |
| | Output : white | | |
| Operation Temperature | -40 ~ +60 | °C | |
| Storage Temperature | -40 ~ +85 | °C | |